Figure 1A.

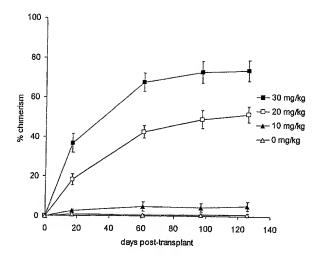


Figure 1B.

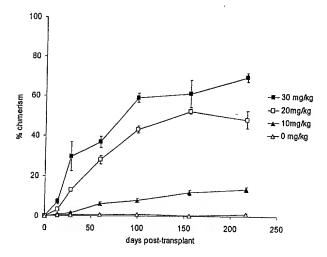


Figure 1C.

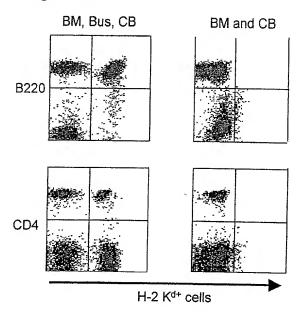


Figure 1D.

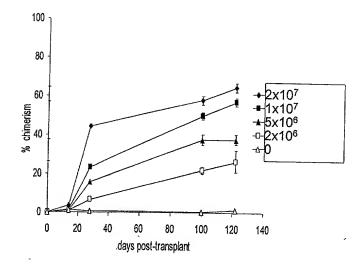


Figure 2

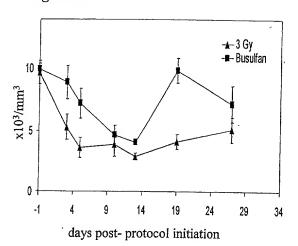


Figure 3A.

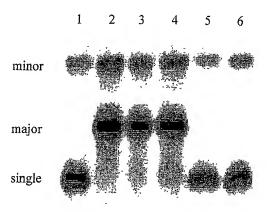


Figure 3B.

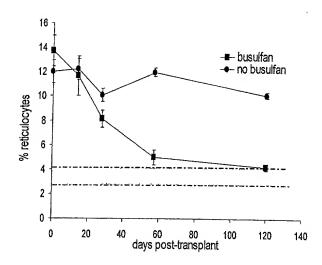


Figure 4A.

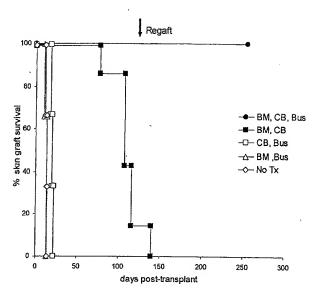


Figure 4B.

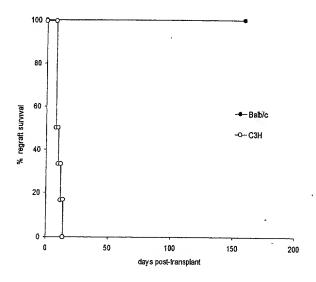


Figure 5A.

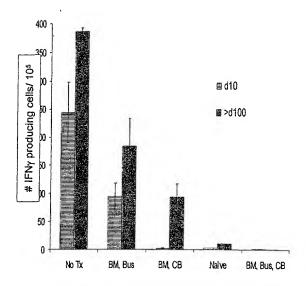


Figure 5B.

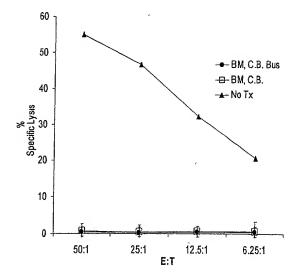


Figure 5C.

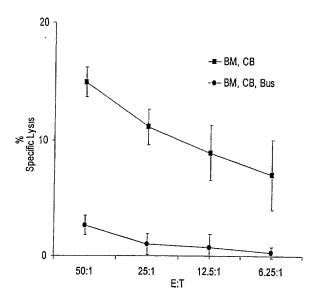


Figure 5D.

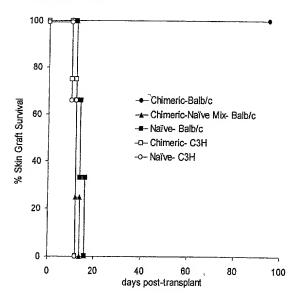


Figure 6A.

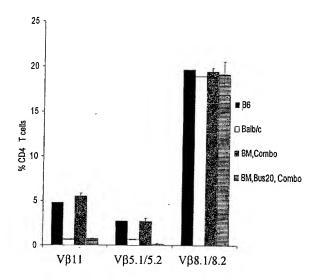


Figure 6B.

Naïve vs. Balb/c BM, Combo vs. Balb/c



Aud

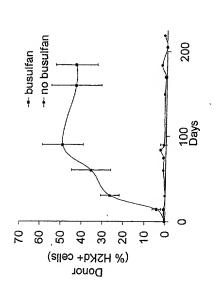
BM, Bus, CB vs. C3H

BM, Bus, CB vs. Balb/c





Figure 7a





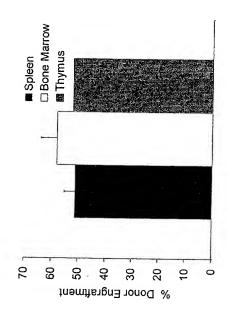


Figure 8

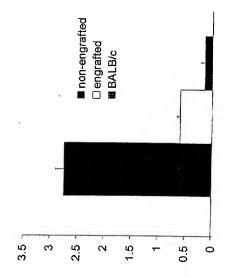
123

Mu β-major → Hu β-sickle → Mu β-minor →

Figure 9

Mu β-major — 1 2 Hu β-sickle — 1 Mu β-minor — 1 2

Figure 10a



V-beta 5+ cells (as % CD4+ T cells)

Figure 10b

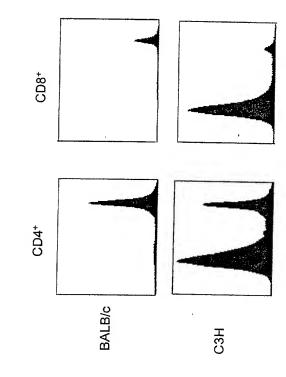


Figure 11

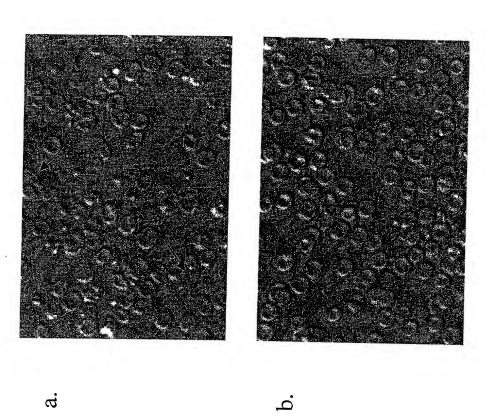


Figure 11c

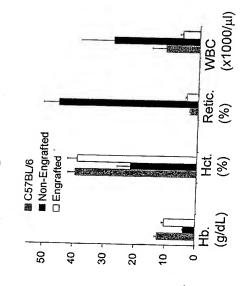
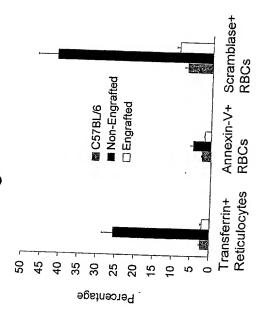


Figure11e



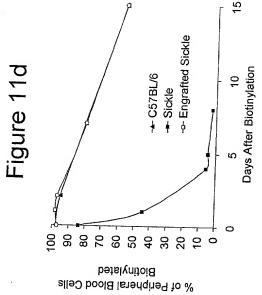


Figure 12a

■ C57BL/6
■ Sickle
□ Engrafted Sickle

Spleen Weight (% Total Body Weight)

Figure 12b

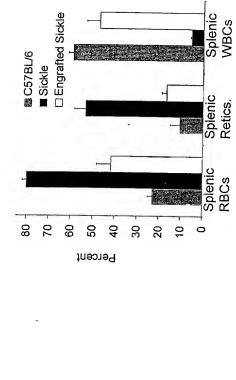


Figure 12

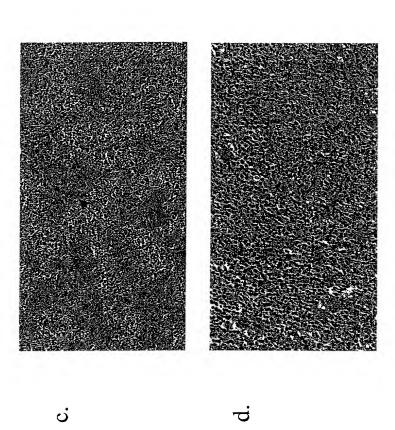
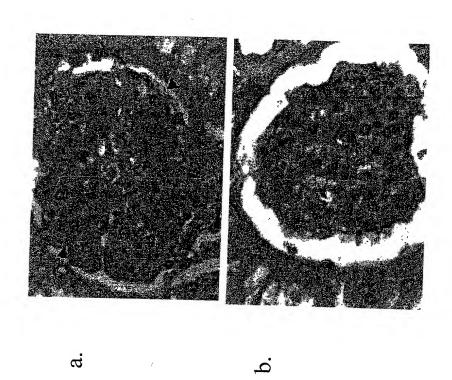


Figure 13



ATGGGTGTACTGCTCACACAGAGGACGCTGCTCAGTCTGGTCCTTGCACTCCTGTTTCCA M~~G~~V~~L~~L~~T~~Q~~R~~T~~L~~L~~S~~L~~V~~L~~A~~L~~L~~F~~P~~	-19 -7
AGCATGGCGAGCATGCACGTGGCCCAGCCTGCTGTGGTACTGGCCAGCAGCCGA S~~M~~A~~S~~M~~A~~M~~H~~V~~A~~Q~~P~~A~~V~~V~~L~~A~~S~~S~~R~~ +1	+42 +14
GGCATCGCTAGCTTTGTGTGTGAGTATGCATCTCCAGGCAAAGCCACTGAGGTCCGGGTGG~~I~~A~~S~~F~~V~~C~~E~~Y~~A~~S~~ÉP~~G~~K~~A~~T~~E~~V~~R~~V~~	+102 +34
ACAGTGCTTCGGCAGGCTGACAGCCAGGTGACTGAAGTCTGTGCGGCAACCTACATGATG T~~V~~L~~R~~Q~~A~~D~~S~~Q~~V~~T~~E~~V~~C~~A~~A~~T~~Y~~M~~M~~	+162 +54
GGGAATGAGTTGACCTTCCTAGATGATTCCATCTGCACGGGCACCTCCAGTGGAAATCAA G~~N~~E~~L~~T~~F~~L~~D~~D~~S~~I~~C~~T~~G~~T~~S~~S~~G~~N~~Q~~	+222 +74
GTGAACCTCACTATCCAAGGACTGAGGGCCATGGACACGGGACTCTACATCTGCAAGGTGV~~N~~L~~T~~I~~Q~~G~~L~~R~~A~~M~~D~~T~~G~~L~~Y~~I~~C~~K~~V~~	+282 +94
GAGCTCATGTACCCACCGCCATACTACGAGGGCATAGGCAACGGAACCCAGATTTATGTA E~~L~~M~~Y~~P~~P~~Y~~Y~~E~~G~~I~~G~~N~~G~~T~~Q~~I~~Y~~V~~	+342 +114
ATTGATCCAGAACCGTGCCCAGATTCTGATCAGGAGCCCAAATCTTCTGACAAAACTCAC I~~D~~P~~E~~P~~C~~P~~D~~S~~D~~Q~~E~~P~~K~~S~~S~~D~~K~~T~~H~~	+402 +134
ACATCCCCACCGTCCCCAGCACCTGAACTCCTGGGGGGGATCGTCAGTCTTCCTCTTCCCC T~~S~~P~~P~~S~~P~~A~~P~~E~~L~~L~~G~~G~~S~~S~~V~~F~~L~~F~~P~~	+462 +154
CCAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGTG P~~K~~P~~K~~D~~T~~L~~M~~I~~S~~R~~T~~P~~E~~V~~T~~C~~V~~V~~V~~	+522 +174
GACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGACGCGTGGAGGTG D~~V~~S~~H~~E~~D~~P~~E~~V~~K~~F~~N~~W~~Y~~V~~D~~G~~V~~E~~V~~	+582 +194
CATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGC H~~N~~A~~K~~T~~K~~P~~R~~E~~E~~Q~~Y~~N~~S~~T~~Y~~R~~V~~V~~S~~	+642 +214
GTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCC V~~L~~T~~V~~L~~H~~Q~~D~~W~~L~~N~~G~~K~~E~~Y~~K~~C~~K~~V~~S~~	+702 +234
AACAAAGCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGA N~~K~~A~~L~~P~~A~~P~~I~~E~~K~~T~~I~~S~~K~~A~~K~~G~~Q~~P~~R~~	+762 +254
GAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGC E~~P~~Q~~V~~Y~~T~~L~~P~~P~~S~~R~~D~~E~~L~~T~~K~~N~~Q~~V~~S~~	+822 +274
CTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAAT L~~T~~C~~L~~V~~K~~G~~F~~Y~~P~~S~~D~~I~~A~~V~~E~~W~~E~~S~~N~~	+882 +294
GGGCAGCCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTC G~~Q~~P~~E~~N~~Y~~K~~T~~T~~P~~P~~V~~L~~D~~S~~D~~G~~S~~F~~	+942 +314
TTCCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCA F~~L~~Y~~S~~K~~L~~T~~V~~D~~K~~S~~R~~W~~Q~~Q~~G~~N~~V~~F~~S~~	+1002 +334
TGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTC~~S~~V~~M~~H~~E~~A~~L~~H~~N~~H~~Y~~T~~Q~~K~~S~~L~~S~~L~~S~~	+1062 +354

ATGGGTGTACTGCTCACACAGAGGACGCTGCTCAGTCTGGTCCTTGCACTCCTC M~~G,~V~~L~~L~~T~~Q~~R~~T~~L~~L~~S~~L~~V~~L~~A~~L~~L~~L~~	
AGCATGGCGAGCATGCACGTGGCCCAGCCTGCTGTGGTACTGGCCAGC S~~M~~A~~S~~M~~H~~V~~A~~Q~~P~~A~~V~~V~~L~~A~~S~~ +1	
GGCATCGCTAGCTTTGTGTGTGAGTATGCATCTCCAGGCAAATATACTGAGGTCGC	. 105
ACAGTGCTTCGGCAGGCTGACAGCCAGGTGACTGAAGTCTGTGCGGCAACCTAC T~~V~~L~~R~~Q~~A~~D~~S~~Q~~V~~T~~E~~V~~C~~A~~A~~T~~Y~~	
GGGAATGAGTTGACCTTCCTAGATGATTCCATCTGCACGGGCACCTCCAGTGGAGC~N~~E~~L~~T~~F~~L~~D~~D~~S~~I~~C~~T~~G~~T~~S~~S~~G~~	
GTGAACCTCACTATCCAAGGACTGAGGGCCATGGACACGGGACTCTACATCTGCV~~N~~L~~T~~I~~Q~~G~~L~~R~~A~~M~~D~~T~~G~~L~~Y~~I~~C~~	
GAGCTCATGTACCCACCGCCATACTACGAGGGCATAGGCAACGGAACCCAGATTE~~L~~M~~Y~~P~~P~~P~~Y~~Y~~E~~G~~I~~G~~N~~G~~T~~Q~~I~~	
ATTGATCCAGAACCGTGCCCAGATTCTGATCAGGAGCCCAAATCTTCTGACAAAI~~D~~P~~E~~P~~C~~P~~D~~S~~D~~Q~~E~~P~~K~~S~~S~~D~~K~~	
ACATCCCCACCGTCCCCAGCACCTGAACTCCTGGGGGGGATCGTCAGTCTTCCTC T~~S~~P~~P~~S~~P~~A~~P~~E~~L~~L~~G~~G~~S~~S~~V~~F~~L~~	
CCAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGP~~K~~P~~K~~D~~T~~L~~M~~I~~S~~R~~T~~P~~E~~V~~T~~C~~V~~	
GACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGD~~V~~S~~H~~E~~D~~P~~E~~V~~K~~F~~N~~W~~Y~~V~~D~~G~~V~~	
CATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTG H~~N~~A~~K~~T~~K~~P~~R~~E~~E~~Q~~Y~~N~~S~~T~~Y~~R~~V~~	
GTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGV~~L~~T~~V~~L~~H~~Q~~D~~W~~L~~N~~G~~K~~E~~Y~~K~~C~~K~~	
AACAAAGCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCN~~K~~A~~L~~P~~A~~P~~I~~E~~K~~T~~I~~S~~K~~A~~K~~G~~Q~~	
GAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGE~~P~~Q~~V~~Y~~T~~L~~P~~P~~S~~R~~D~~E~~L~~T~~K~~N~~Q~~V	
CTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGACL~~T~~C~~L~~V~~K~~G~~F~~Y~~P~~S~~D~~I~~A~~V~~E~~W~~E~~S	
GGGCAGCCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCCGCCCGC	
TTCCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTF~~L~~Y~~S~~K~~L~~T~~V~~D~~K~~S~~R~~W~~Q~~Q~~G~~N~~V~~F	
TGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCCCC-S~~V~~M~~H~~E~~A~~L~~H~~N~~H~~Y~~T~~Q~~K~~S~~L~~S~~I	

FIG. 16

W. G. A. P. P. T. A. A. P. P. S. P. A. P. P. P. A. P.
AGCATGGCGAGCATGGCAATGCACGTGGCCCAGCCTGCTGTGGTACTGGCCAGCAGCCGA SMASMAMHVAQPAVUASSR +1
GGCATCGCTAGCTTTGTGTGTGTGAGTATGCATCTCCAGGCAAATTGACTGAGGTCCGGGTG G~~I~~A~~S~~F~~V~~C~~E~~Y~~A~~S~~P~~G~~K~~L~~T~~E~~V~~R~~V~~
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
GGGAATGAGTTGACCTTCCTAGATGATTCCATCCACGGGCACCTCCAGTGGAAATCAA G-W-E-L-T-F-L-D-D-8-L-C-T-G-T-S-S-G-W-Q-
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
GAGCTCATGTACCCACCGCCATACTACGAGGGCATAGGCAACGGAACCCAGATTTATGTA ELMYPPYYEGIIGNGIYV
ATTGATCCAGAACCGTGCCCAGATTCTGATCAGGAGCCCAAATCTTCTGACAAAACTCAC IDPEPCPDSDQEPKSSDKTH
ACATCCCCACCGTCCCAGCACCTGAACTCCTGGGGGGGATCGTCAGTCTTCCCCTCTCCCCTCTCCCCTCTCCCCTCTCCCCTCTC
CCAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTG P~~K~~P~~K~~D~~T~~L~~M~~L~~S~~R~~T~~P~~E~~V~~T~~C~~V~~V~~V~~V~~V~~V~~V~~V~~V~~V~~V~~V~
GACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGACGCGTGGAGGTG D~~V~~S~~H~~E~~D~~P~~E~~V~~X~~F~~N~~W~~Y~~V~~D~~G~~V~~E~~V~~
CATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGC HN-A-X-T-X-P-R-E-E-Q-Y-N-E-T-Y-R-V-V-S-
GTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGTACAAGTGCAAGGTCTCC V"-L"-T"-V"-L"-H"-Q"-D"-W"-L"-N"-G"-K"-E"-Y"-K"-C"-K"-V"-S"-
AACAAAGCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAAGCCAAAGGGCAGCCCCGA N~~K~~A~~L~~P~~A~~P~~I~~E~~K~~T~~I~~S~~K~~A~~K~~G~~Q~~P~~R~~
GAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGC E-P-Q-V-Y-T-L-P-P-S-R-D-E-L-T-K-N-Q-V-S-
CTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAAT L'TT-C-L-V-K-G-P-Y-P-S-D-I-A-V-E-W-E-S-N-
GGGCAGCEGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTC GQpEnNYKTTppVLDSDGSp
TTCCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCA F~LY-SK-LTVDKSRWQQGNVFS
TGCTCCGTGATGCATGAGGCTCTGCACAAGCACTACACGCAGAAGAGCCTCTCCCTGTCT
CCGGGTAAATGA TATATATATATATATATATATATATATAT
r u n

FIG. 17

M~G~~V~L~~I,~~m~~O~~	aggacgetg	CTCAGTCTGG	CCTTGCACTCCTGTTTCCA
	ν τ π	r s r-A	
AGCATGGCGAGCATGGCAATGG	CACGTGGCC	CACCCTCCTCC	VIOTE OFFICE OF THE COUNTY
+1	4 V A	QPAV-	"V"-L"A"-S"-S"-R"-
OGCATCGCTAGCTTTGTGTGTGT	AGTATGCA	ፓርጥር ስ <u>ርር</u> ጥ አ	A NOMA OMO A COMPANIA
GTTTTATTSTTFTTVTTCTT	YA	STTPT GTTKT	TTTTETVTR
ACAGTGCTTCGGCAGGCTGACA	CCC » CCmc	kamar k kamara	M. A.
TTVTTLTRTQTATTCTS	~~Q~~V~~,	ILLETANGICIG	TOUGOCAACCTACATGATG
GGGAATGAGTTGACCTTCCTAG	ATGATTCC	ATCTIC & CCCCC	The company of the same
GN.E.T.L.L.L.L.	~~D~~s~~	r-c-r-g	TTSTSTGTWT-QT
GTGAACCTCACTATCCAAGGAC	TGAGGGCCZ	TGGACACGGG	
V" N D T I I Q G L	~~R~~A~~b	!~~D~~T~~G~	_rXICX
GAGCTCATGTACCCACCGCCAT	ACTACGAGO	GCATAGGCAAG	TGA ACCCA CARVONA MOMA
E D M Y P Y P - Y	YEG	I_GN	-G-TQIYV
ATTGATCCAGAACCGTGCCCAG	ATTCTGATC	AGGAGCCCAA	TCTTCTGACAAAACTCAC
T D. B.B.B.C.S.D.	~~\$~~D~~Q	BbK	'SgDKTH
ACATCCCCACCGTCCCCAGCACC	TGAACTCC	TGGGGGGATCG	TCAGICTTCCTCTTCCCC
T-S-P-P-S-P-A-P-	~E~~L~~L	~~G~~G~~S~~	S~~V~~F~~L~~F~~P~~
CCAAAACCCAAGGACACCCTCAT	GATCTCCC	GGACCCCTGAG	GTCACATGCGTGGTGGT
h k h kDIIN.	~I~S~R	45E	V~~I~~C~~V~~V~~V~~
GACGTGAGCCACGAAGACCCTGA	GGTCAAGT	ICAACTGGTAC	GTGGACGGCGTGGACGTG
D A S H EDbE	-AKE	WMX	V~~D~~G~~V~~E~~V~~
CATAATGCCAAGACAAAGCCGCG	GGAGGAGC	agtacaacagc.	ACGTACCGTGTGGTCAGC
H N A K Thirking-TR	E.B.O.	STY STY	ryRVVS
GTCCTCACCGTCCTGCACCAGGA	CTGGCTGAA	TGGCAAGGAG!	PACAAGTGCAAGGTCTCC
A R A A R H. O. D.	-MLM-	GTTKTTETT	7~~K~~C~~K~~V~~§~~
AACAAAGCCCTCCCAGCCCCCATC	CGAGAAAAC	CATCTCCAAAC	CCAAAGGGCAGCCCGA
N K A L-P-A-P-I	E-K-T	TITTSTTKTT	KGQPR
GAACCACAGGTGTACACCCTGCCC	CCATCCCG	GGATGAGCTGA	.CCAAGAACCAGGTCAGC
2 : Q 4 1 ! H P	P S' R"	D-B-LT-4	SAÖAX
CTGACCTGCCTGGTCAAAGGCTTC	TAICCCAG	UGACATCGCCG	TGGAGTGGGAGAGCAAT
L-T-C-L-V-X-G-F-			
GGGCAGCCGGAGAACAACTACAAG	ACCACGCC!	PCCCGTGCTGG	ACTCCGACGGCTCCTTC
GObENNAAK	Maadaa ba.	יייע־־ע־־ם	~~S~~D~~G~~S~~F~~
TTCCTCTACAGCAAGCTCACCGTG	gacaagago D~~K~~s~~	AGGTGGCAGC. 'R""W""Q""Q	AGGGGAACGTCTTCTCA GNVF5
TGCTCCGTGATGCATGAGGCTCTGC	IT'NT HT	Y~~T~~Q~~K	WAGCCTCTCCCTGTCT '~\$~~L~~S.~~L~~S~~
CCGGGTAAATGA	. ~ ~ ~ ~ ~ ~ ~ ~ ~		****
PanGanKan + anna anna anna anna	~~~~~		
F		17	

FIG. 18

MGAPPPPPPPPPPPP-
AGCATGGCGAGCATGGCAATGCACGTGGCCCAGCCAGCAGCCGA 9-M-A-S-M-A-M-H-V-A-Q-P-A-V-V-L-A-S-S-S-R +1
GGCATCGCTAGCTTTGTGTGTGAGTATGCATCTCCAGGCAAATGGACTGAGGTCCGGGTG
ACAGIGCTICGGCAGGCTGACAGCCAGGTGACIGAAGTCTGIGCGGCAACCTACATGATG
G-N-B-Tr-Lar-p-rate Salta Carta Garaca Sala Araba Gara Gara Gara Gara Gara Gara Gara
GTGAACCTCACTATCCAAGGACTGAGGGCCATGGACACGGGACTCTACATCTGCAAGGTG
GAGCTCATGTACCCACCGCCATACTACGAGGGCATAGGCAACGGAACCCAGATTTATGTA
ATTGATCCAGAACCGTGCCCAGATTCTGATCAGGAGCCCAAATCTTCTGACAAAACTCAC
ACATCCCCACCGTCCCCAGCACCTGAACTCCTGGGGGGATCGTCAGTCTTCCTCTTCCCC T-S-P-P-S-P-A-P-E-L-L-G-G-B-S-V-P-L-P-P-
CCAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGTG
GACGTGAGCCACGAAGACCCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTG
CATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGC
GTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCC
AACAAAGCCCTCCAGCCCCCATCGAGAAAACCATCTCCAAAGGCAAAGGGCAGCCCCGA N~~K~~A~~L~~P~~A~~P~~I~~B~~K~~T~~I~~B~~K~~A~~K~~G~~Q~~Q~~R~~
GAYCCYCYGALAYACYCCCLCCCCCCCALCCCGGGYLGYCCLAYCCYGGYCCYGGLCYGC
CTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAAT L-T-CC-L-V-K-G-F-Y-P-S-DI-A-V-E-W-E-S-N-
GGCAGCCGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACCGCCTCCTTC GQPENNYXTTPPVLDEDGEF
TTCCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCA
PGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCT
CGGGTAAATGA

ONCOSTATIN M SIGNAL PEPTIDE

	m ATG	G GGT	V GTA	L CTG	L CTC	T ACA	Q CAG	R AGG	ACG	CTG	CTC	AGT	L CTG	V GTC	L CTT	45
	A GCA	L CTC	L CTG	F TTT	P CCA	S AGC	M ATG	À GCG	S	M	A GCA	М	H CAC	V GTG	A GCC	90
	Q CAG	P CCT	Ą GCT	V GTG	V GTA	L CTG	A GCC	S AGC	S AGC	R CGA	G GGC	I ATC	A GCC	S AGC	F TTT	135
	V GTG	C TGT	E GAG	Y TAT	A GCA	s TCT	P CCA	G GGC	K AAA	A GCC	T ACT	E GAG	V GTC	R CGG	V GTG	180
-	T ACA	V GTG	L CTT	R CGG	Q CAG	A GCT	D GAC	S AGC	Q CAG	V GTG	T ACT	E Gaa	V GTC	C TGT	A GCG	225
	A GCA	T ACC	Y TAC	M ATG	M ATG	G GGG	N AAT	E GAG	L TTG	T ACC	F TTC	L CTA	D GAT	D GAT	S TCC	270
	I ATC	C TGC	T ACG	g GGC	T ACC	s PCC	s (AGT (g : GGA :	N (Q CAA	V GTG	N :	L CTC	T ACT	I ATC	315
	Q CAA	G ; GGA (L I	R Z AGG (A 1 GCC-1	i I	SAC A	r (ACG (GGA (CTC :	Y :	ATC :	rgc 1	AAG (GTG	360
1	e i Gag (L 1 etc 1	i i	(I	P F	FCG C	Y CA T	Y AC I	' I	o TG G	; I GC A	. ,	, · [,	,		405
1	\int_{0}^{∞}	2 I	: У	. v	· I	D	Р	E	p	· c	מ	ח	· c			450
F	TC C	, L TC C	TC T	GG A	L TC C	A PT G	A CA G	V CA G!	s PT A	S GT T	G GG GG	L GG T	F TG T	r rr r	TT	495
Y T	s AT A	F GC T	L TT C	rc c	T C A	A CA GO	V T GI	s TT TC	L CT TI	S FG AC	K FC A	M LA AI	re ci	K TA A2	A G	540
K A	R AA A	S GA A	P GC CC	L CT CT	T T AC	T A AC	G A GG	V G GI	Y 'C TA	V T GI	K 'G AA	M A AI	je cc	P C CC	CA	585
T Ac	E CA G2	AG CC	E CA GA	C LA TG	E T GA	K A AA	Q G CA	F A TT	Q T CA	P G CC	Y T TA	F T TT	I T AT	P T CC	e c	630
	N C A.A	Υ					,					,				636

ATGGGTGTACTGCTCACACAGAGGACGCTGCTCAGTCTGGTCCTTGCACTCCTGTTTCCA M~~G~~V~~L~~L~~T~~Q~~R~~T~~L~~L~~S~~L~~V~~L~~A~~L~~L~~F~~P~~	-19 -7
AGCATGGCGAGCATGCACGTGGCCCAGCCTGCTGTGGTACTGGCCAGCCGA S~~M~~A~~S~~M~~A~~H~~V~~A~~Q~~P~~A~~V~~L~~A~~S~~S~~R~~ +1	+42 +14
GGCATCGCTAGCTTTGTGTGTGAGTATGCATCTCCAGGCAAAGCCACTGAGGTCCGGGTGG~~I~~A~~S~~F~~V~~C~~E~~Y~~A~~S~~P~~G~~K~~A~~T~~E~~V~~R~~V~~	+102 +34
ACAGTGCTTCGGCAGGCTGACAGCCAGGTGACTGAAGTCTGTGCGGCAACCTACATGATG T~~V~~L~~R~~Q~~A~~D~~S~~Q~~V~~T~~E~~V~~C~~A~~A~~T~~Y~~M~~M~~	+162 +54
GGGAATGAGTTGACCTTCCTAGATGATTCCATCTGCACGGGCACCTCCAGTGGAAATCAAG~~N~~E~~L~~T~~F~~L~~D~~D~~S~~I~~C~~T~~G~~T~~S~~S~~G~~N~~Q~~	+222 +74
GTGAACCTCACTATCCAAGGACTGAGGGCCATGGACACGGGACTCTACATCTGCAAGGTGV~~N~~L~~T~~I~~Q~~G~~L~~R~~A~~M~~D~~T~~G~~L~~Y~~I~~C~~K~~V~~	+282 +94
$\label{eq:gagctcat} GAGCTCATGTACCCACCGCCATACTACCTGGGCATAGGCAACGGAACCCAGATTTATGTA\\ E^L^-M^-Y^-P^-P^-Y^-Y^-L^-G^-I^-G^-N^-G^-T^-Q^-I^-Y^-V^-$	+342 +114
ATTGATCCAGAACCGTGCCCAGATTCTGATCAGGAGCCCAAATCTTCTGACAAAACTCACI~~D~~P~~E~~P~~C~~P~~D~~S~~D~~Q~~E~~P~~K~~S~~D~~K~~T~~H~~	+402 +134
ACATCCCCACCGTCCCCAGCACCTGAACTCCTGGGTGGATCGTCAGTCTTCCTCTTCCCC T~~S~~P~~P~~S~~P~~A~~P~~E~~L~~G~~G~~S~~S~~V~~F~~L~~F~~P~~	+462 +154
CCAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGTG P~~K~~P~~K~~D~~T~~L~~M~~I~~S~~R~~T~~P~~E~~V~~T~~C~~V~~V~~V~~	+522 +174
GACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTG D~~V~~S~~H~~E~~D~~P~~E~~V~~K~~F~~N~~W~~Y~~V~~D~~G~~V~~E~~V~~	+582 +194
CATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGGGTGGTCAGC H~~N~~A~~K~~T~~K~~P~~R~~E~~E~~Q~~Y~~N~~S~~T~~Y~~R~~V~~V~~S~~	+642 +214
GTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCC 'V~~L~~T~~V~~L~~H~~Q~~D~~W~~L~~N~~G~~K~~E~~Y~~K~~C~~K~~V~~S~~	+702 +234
AACAAAGCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGA N~~K~~A~~L~~P~~A~~P~~I~~E~~K~~T~~I~~S~~K~~A~~K~~G~~Q~~P~~R~~	+762 +254
GAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGC E~~P~~Q~~V~~Y~~T~~L~~P~~P~~S~~R~~D~~E~~L~~T~~K~~N~~Q~~V~~S~~	+822 +274
CTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAAT L~~T~~C~~L~~V~~K~~G~~F~~Y~~P~~S~~D~~I~~A~~V~~E~~W~~E~~S~~N~~	+882 +294
GGGCAGCCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTC G~~Q~~P~~E~~N~~N~~Y~~K~~T~~T~~P~~P~~V~~L~~D~~S~~D~~G~~S~~F~~	+942 +314
TTCCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCAF~~L~~Y~~S~~K~~L~~T~~V~~D~~K~~S~~R~~W~~Q~~Q~~Q~~N~~V~~F~~S~~	+1002 +334
TGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTC~~S~~V~~M~~H~~E~~A~~L~~H~~N~~H~~Y~~T~~Q~~K~~S~~L~~S~~L~~S~~	+1062 +354

CCGGGTAAATGA

Time (min)

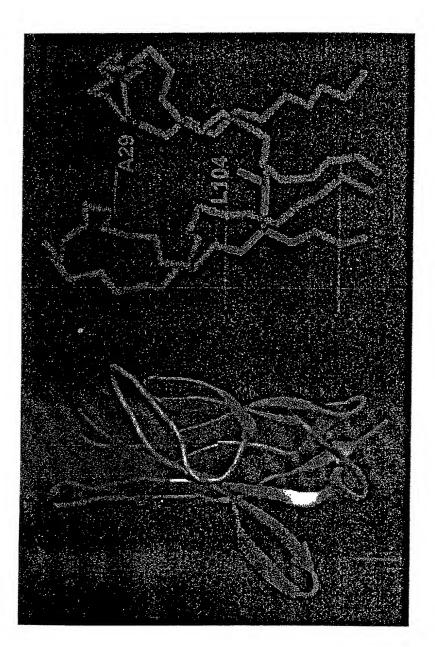
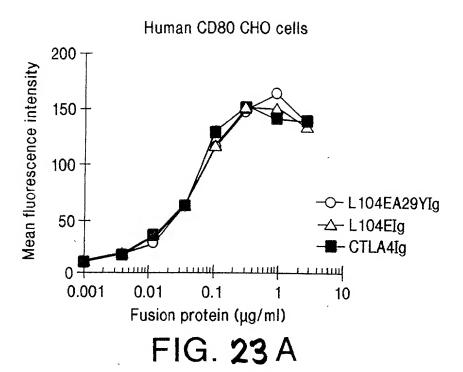
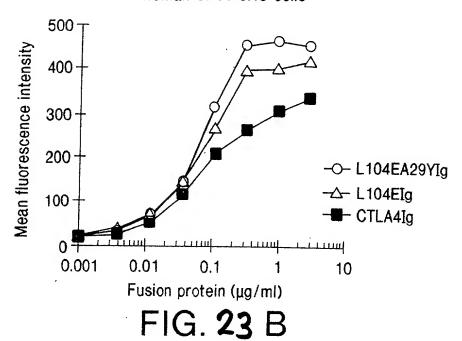
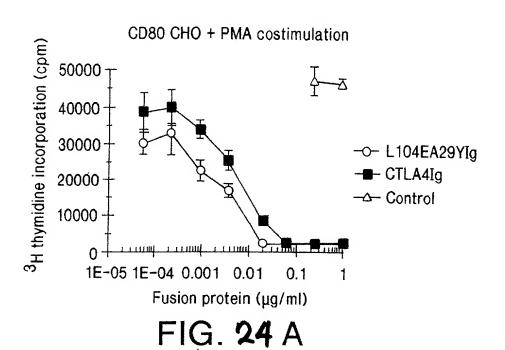


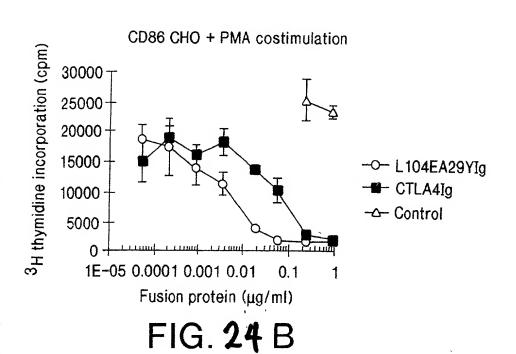
FIG. 22



Human CD86 CHO cells







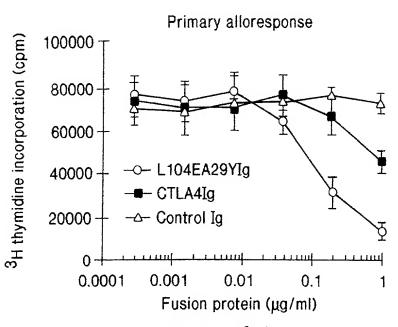


FIG. 25 A

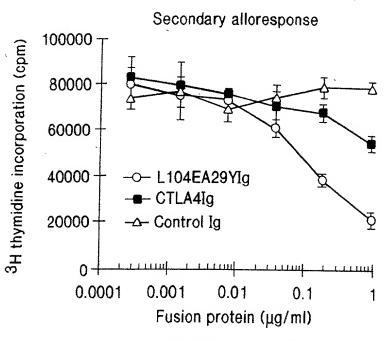


FIG. 25 B

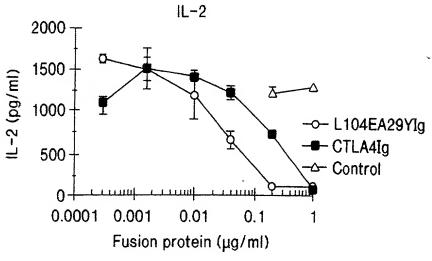


FIG. 26 A

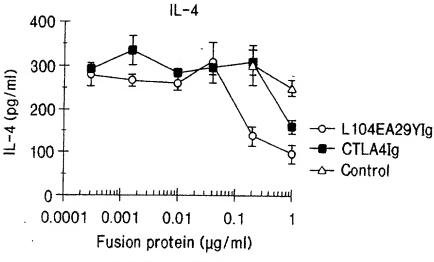


FIG. 26 B

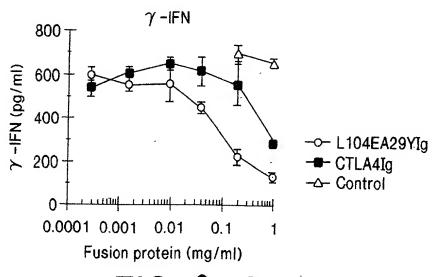
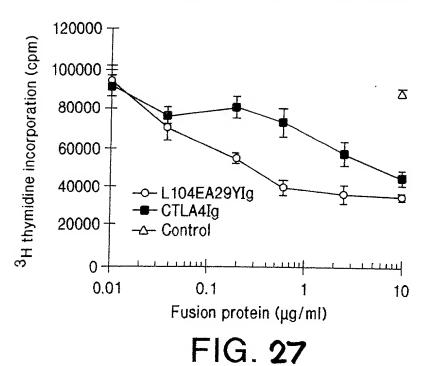
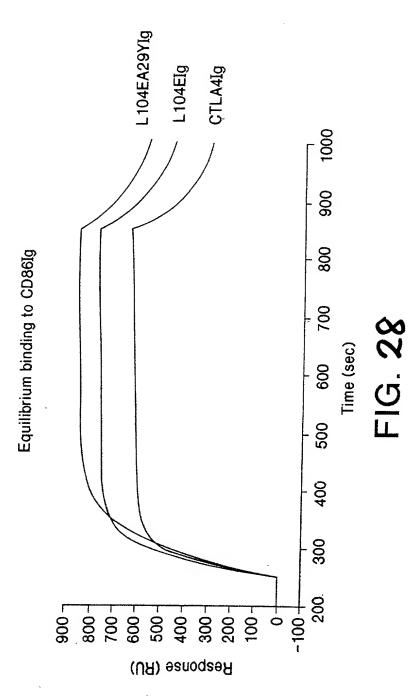


FIG. 26 C

Inhibition of PHA-induced monkey T cell proliferation





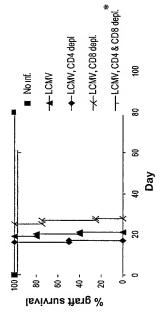


Figure 29

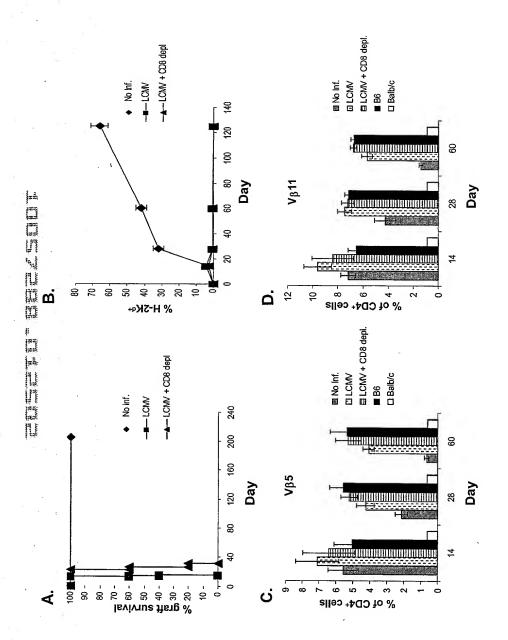
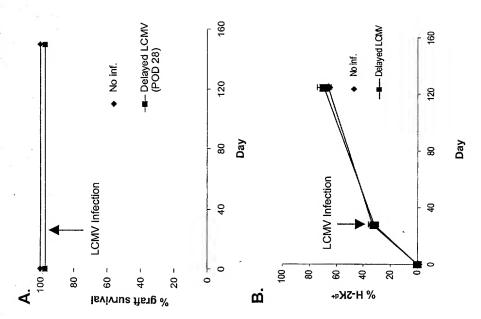


Figure 30





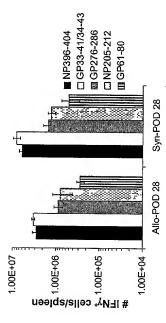


Figure 32

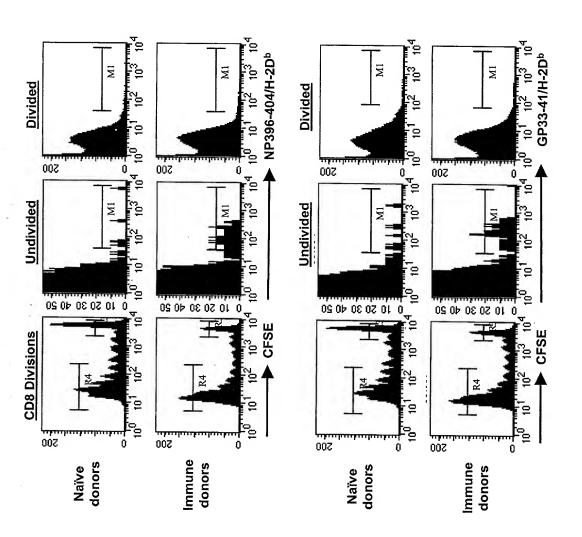


Figure 33

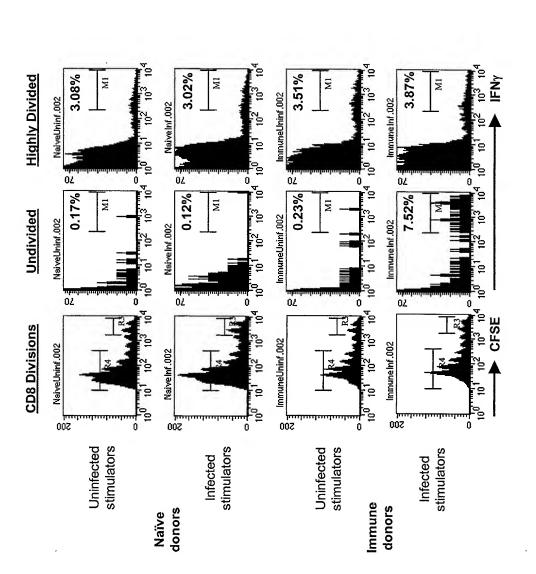


Figure 34

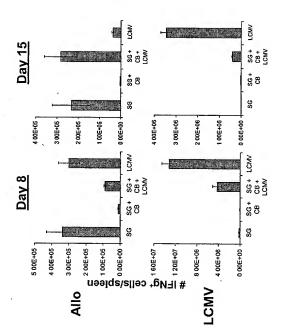


Figure 35

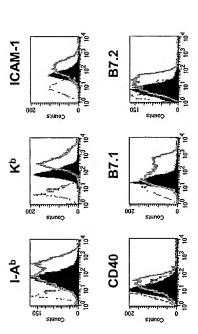


Figure 36